

FIRE TECHNOLOGY

Program Description

The Fire Technology program offers students an opportunity to study fire behavior, fire protection and control techniques, core concepts of culture, safety, and requirements for the fire service. The program also gives the student a chance to interact with professionals in the field and develop their skills to become an entry-level firefighter or help to promote a career firefighter. The classes provide the student with a knowledge of public and private fire service careers that include, but are not limited to; firefighting, arson investigation, fire prevention, fire service management, and public safety. Program options in the Fire Technology department include Certificate of Achievement and Associate Degrees in Fire technology. This program follows the Fire and Emergency Services Higher Education (FESHE) model from the National Fire Academy in Emmetsburg, Maryland, and is a component of accreditation from the California State Fire Training.

Fire Technology Department Page (<https://www.msjc.edu/firetechnology/>)

Transfer Preparation

Transfer students are advised to do research on prospective majors and careers. The MSJC Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting ASSIST (<http://www.assist.org>). All students are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

Contact Information

San Jacinto Campus
(951) 487-MSJC (6752)
1-800-624-5561
nursingandah@msjc.edu

Menifee Valley Campus
(951) 672-MSJC (6752)
1-800-452-3335
Nursing and Allied Health Unit (951) 639-5577
nursingandah@msjc.edu

Degrees/Certificates

Degrees

Non-Transfer Degree

- Fire Technology, A.S. (<https://catalog.msjc.edu/instructional-programs/fire-technology/fire-technology-as/>)

Certificate

- Fire Technology Certificate (<https://catalog.msjc.edu/instructional-programs/fire-technology/fire-technology-certificate/>)

Employment Concentration

- Fire Academy Preparation Employment Concentration (<https://catalog.msjc.edu/instructional-programs/fire-technology/fire-academy-preparation-ecc/>)

Program Learning Outcomes

- Analyze Fire Service theories and techniques as well as conduct research on specific topics related to the Fire Service.
- Demonstrate the ability to address problems while working as part of the team.
- Develop good oral and written communication skills.
- Exhibit a working knowledge of the various aspects of the Fire Service to include but not limited to Fire Department structure, operations, educational and experiential requirements for firefighting jobs.
- Use technology to process information to identify and address problems.

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for **Careers or Programs** (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Career/Industries	CA Annual Median Salary or Range	Employment Demand or Opening CA
Forest Fire Inspectors and Prevention Specialists (SM, A, B)	\$85,820	39
Fire Investigators (SM, C)	\$93,193	94
Emergency Medical Technicians (C, SM, A)	\$37,331	1,702
Firefighters (SM, C)	\$80,328	2,719
Fire-Prevention and Protection Engineers (B)	\$125,296	181
First-Line Supervisors of Firefighting and Prevention Workers (C, SM, A, B)	\$136,032	523

(degree required: SM some college, C: Certificate, A: Associate degree, B: Bachelor's degree, M: Master's degree, D: Doctorate)